

ASSISTED TRIGGER MECHANISM
ABSTRACT OF THE DISCLOSURE

5 A mechanical, pneumatic, magnetic and/or electronic method for
assisting the user operation of a trigger and/or actively and rapidly returning the
trigger mechanism to its firing position at the completion of a firing sequence in a
paintball gun. The trigger assistance mechanism reduces the amount of force
required by the user to move the trigger to begin the firing sequence. After the
firing sequence has been completed, the trigger assistance mechanism provides
assistance to the trigger to move it to its pre-firing resting position. Alternatively,
10 the trigger assistance mechanism replaces the mechanical linkage between the
trigger and the cocking/firing mechanism of the paintball gun such that a
pneumatic actuating ram is used to initiate the cocking/firing sequence.

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